## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	(noise near4 (reduc\$4 or minimiz\$4 or eliminat\$ decreas\$4 or eliminat\$ \$ or cance\\$5)) WITH ((coefficient\\$1 or weight\\$1 or tap\\$1)) WITH (estimat\\$4) and ((subcarrier\\$1) or (sub-carrier\\$1) or (sub near carrier\\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 20:37
L2	309	detect\$4 with decision same (reconstruc\$4 or reconstruct\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 20:41
L3	5	detect\$4 with decision same (reconstruc\$4 or reconstruc\$4) and ((coefficient\$1 or tap\$1)) WITH (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 20:41
L4	8	detect\$4 same decision same (reconstruc\$4 or reconstruct\$4) and ((coefficient\$1 or weight\$1 or tap\$1)) WITH (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 20:42
L5	38	detect\$4 same (reconstruc\$4 or reconstruc\$4) and ((coefficient\$1 or weight\$1 or tap\$1)) WTH (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 20:43

L6	2	(reconstruc\$4 or reconstruc\$4) with noise and detect\$4 same ((coefficient\$1 or weight\$1 or tap \$1)) WITH (estimat \$4) and ((subcarrier \$1) or (sub-carrier\$1) or (sub near carrier \$1))	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 20:50
L7	7	(reconstruc\$4) SAME noise and detect\$4 same ((coefficient\$1 or weight\$1 or tap \$1)) WITH (estimat \$4) and ((subcarrier \$1) or (sub-carrier\$1) or (sub near carrier \$1));	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DEEWIENT; IBM_TDB	AND	8	2009/01/16 <b>20</b> :50
L8	39	(reconstruc\$4 or reconstruc\$4) and noise and detect\$4 same ((coefficient\$1 or weight\$1 or tap \$1)) WTH (estimat \$4) and ((subcarrier \$1) or (sub-carrier\$1) or (sub near carrier \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OQ	2009/01/16 20:51
L9	18	("5815488"   "593421"   "5991613"   "6031831"   "6058105"   "6085076"   "6085076"   "6131016"   "6144711"   "6173005"   "6175550").PN. OR ("6922445").UFFN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 21:06

L10	263	(reconstruc\$4) and noise and detect\$4 same ((coefficient\$1 or veight\$1 or tap \$1)) WITH (estimat \$4) and (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	AND	ON	2009/01/16 21:18
L11	23	(reconstruc\$4 ) and reconstruc\$4) and noise and detect\$4 same ((coefficient\$1 or weight\$1 or tap \$1)) WITH (estimat \$4) and (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or ancel \$5)) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	AND	ON	2009/01/16 21:19
L12	27	("5126682"   "5191598"   "5218619"   "5218619"   "5506861"   "5724001"   "5730606"   "5822380"   "5912931"   "5937015"),PN. OR ("6108517"),URPN.	US-PGPUB; USPAT; USOOR	AND	ON	2009/01/16 21:21
L13	25	("4365338"   "4599732"   "5199047"   "5293401"   "5297169"   "5353307"   "5513215"   "5615378"   "5615378"   "5648991").PN. OR ("5912931").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 21:32

L14	32	("5521937"   "5570350"   "5694388" "5734647" "5737326"   "5887478" "5881056" "5912876" "5912876" "6987063" "60035003"   "6008327" "60351500").PN. OR ("6654408").URPN. OR	US-PGPUB; USPAT; USCOR	AND	ON.	2009/01/16 21:39
L15	21	"6108517"	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/16 21:47
L16	0	(reconstruc\$4 or reconstruc\$4) and noise same joint near4 detect\$4 and ((coefficient\$i or weight\$1 or tap\$1)) WTH (estimat\$4) and (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$\$ or cancel\$5)) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 21:55
L17	2	(reconstruc\$4 or reconstruc\$4) and noise and joint near4 detect\$4 and ((coefficient\$1 or weight\$1 or tap\$1)) WITH (estimat\$4) and (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$5 or cancel\$5)) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 21:56

L18	4	(reconstruc\$4 or reconstruc\$4) and detect\$4 and ((coefficient\$1 or weight\$1 or tap\$1)) WiTH (estimat\$4) same (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$50) and oldm	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	6	2009/01/16 21:57
L19	14	(reconstruc\$4) and detect\$4 and ((coefficient\$1 or weight\$1 or tap\$1)) same (estimat\$4) same (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$5)) and ofdm	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND		2009/01/16 22:00
L20	29	(reconstruc\$4) and detect\$4 same ((coefficient\$1 or weight\$1 or tap\$1)) same (estimat\$4) and (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$\$ or cancel\$5)) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	<u>C</u>	2009/01/16 22:02
L21	2	"6654408" and ((reconstruc\$4 or reconstruc\$4) and detect\$4 and ((coefficient\$1 or weight\$1 or tap\$1)) and (estimat\$4) and (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ ofdm and subcarrier \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	0 0	2009/01/16 22:51

S80	26	((Lei near Zhongding) or (Wu near Yan) or (Ho near Chin near Keong) or (Sun near Sumej) or (He near Ping) or (Li near Yuan)) and reconstruct \$4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WAND	**************************************	2008/08/17 18:22
S81	28	(((Lei near Zhongding) or (Wu near Yan) or (Ho near Chin near Keong) or (Sun near Sumej) or (He near Ping) or (Li near Yuan)) and reconstruct \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OX	2009/01/06
S82	51	((reconstruct\$4 or recover\$4 or Reproduc \$4) near signal) AND ((detect\$4 or indentif \$7) with (coefficient \$1 or weight\$1) with (channel\$1 and estimat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 10:07
S83	26	"5583886"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	00 X	2009/01/06 10:30
S84	40	"5822380"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 10:31
S85	1	11/004383	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:07
S86	148	"6026125"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	AND	ON	2009/01/06 11:08

S87	2	"6026125".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	00 00 00 00 00 00 00 00 00 00 00 00 00	2009/01/06 11:08
S89	5	((reconstruct\$4) near signal) SAME ((detect \$4 or indentif\$7) with (coefficient\$1 or weight\$1) with (estimat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	YELLON N	2009/01/06 11:23
S90	7	((reconstruct\$4) near2 signal) SAME ((detect\$4 or indentif \$7) with (coefficient \$1 or weight\$1) with (estimat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:24
S91	113	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:28
S92	1	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4) same (coefficient\$1 or weight\$1) with (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:29
S93	19	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4) same (detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:30
S94	14	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4) same (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:34
S96	38	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4) and (estimat\$4 and detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	AND	ON	2009/01/06 11:36

S97	8	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4) and (estimat\$4 near3 channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:42
S98	3	((reconstruct\$4) near2 signal) with (noise near2 reduc\$4) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:46
S99	11	((reconstruc\$4 or recover\$4 or Reproduc \$4) near2 signal) with (noise near2 reduc\$4) and ofdm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11:47
S100	11		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 11: <b>4</b> 8
S102	111		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 12:38
S103	26		US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OC	2009/01/06 12:39

S104	59	((reconstruc\$4 or recover\$4 or Reproduc \$4 OR RE-CONSTRUCT \$4) with signal) same (noise near2 reduc\$4) with ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1) or (tone\$1))		AND	ON	2009/01/06 12:42
S105	18	((reconstruc\$4 or recover\$4 or Reproduc \$4 OR RE-CONSTRUCT \$4) with signal) same (noise near2 reduc\$4) with ((subcarrier\$1) or (sub-carrier\$1))		AND	ON	2009/01/06 12:43
S106	2	((reconstruc\$4 or re- construct\$4) with signal) same (noise near2 reduc\$4) with ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 12:46
S107	2	((reconstruc\$4 or re- construct\$4) with signal) same (noise near2 reduc\$4) SAME ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 12:46
S108	26	((reconstruc\$4 or re- construct\$4) with signal) same (noise near2 reduc\$4) AND ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 12:47
S109	55	((reconstruc\$4 or re- construc\$4) with signal) same (noise near2 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) AND ((sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 12:54

S110	23	(((reconstruc\$4) or re- construc\$4) with signal) same (noise near2 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) SAME ((subcarrier\$1) or (sub-carrier\$1) or (sub carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND		2009/01/06 12:54
S111	37	(((reconstruc\$4 or re- construc\$4) with signal) same (noise near2 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) AND ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1)) not campana	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 12:57
S112	1	10/940956	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/06 14:49
S113	2	((reconstruc\$4 or re- construc\$4) with signal) same (noise near2 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) same (coefficien(\$1 or weigh(\$1') and ((subcarrier\$1) or (sub-carrier\$1) or (sub carrier\$1)) not campana	US-PGPUB; USPAT; USOCR; FPAS; EPO; JPO; DERWIENT; IBM_TDB	AND	ON	2009/01/15 10:19
S114	71	((reconstruc\$4 or re- construc\$4) with signal) same (noise near2 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cancel\$5)) same (coefficient\$1 or weight\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:21

S115	2	((reconstruc\$4 or re- construc\$4) with signal) same (noise near2 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance\\$5)) same (coefficient\$1 or weight\$1) with estimat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:21
S116	2	((reconstruc\$4 or re- construc\$4) with signal) same (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cancel\$5)) same (coefficient\$1 or weight\$1) with estimat \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:22
S117	12	((reconstruc\$4) with signal) same (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cancel\$5)) same (coefficient\$1 or weight\$1) SAME estimat\$4	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:22
S118	8	((reconstruc\$4 or re- construc\$4) with signal) SAME (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cancel\$5)) WITH (coefficient\$1 or weight\$1) SAME estimat\$4	US-PGPUB; USPAT; USOCR; FPHS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:25
S119	12	((reconstruc\$4 or re- construc\$4) with signal) SAME (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance\$5)) SAME (coefficient\$1 or weight\$1) SAME estimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:27

S120	156	((reconstruc\$4 or re- construct\$4) with signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) SAME (coefficient\$1 or weight\$1) SAME estimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	MAND		2009/01/15 10:27
S121	54	(((reconstruc\$4 or re- construc(\$4) with signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) SAME (coefficient\$1 or weight\$1) WITH estimat\$4	US-PGPUB; USPAT; USOCR; FPAS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 10:27
S122	41	(((reconstruc)\$4 or re- construc)\$4) near3 signal) AND (noise near4 (reduc)\$4 or minimiz\$4 or decreas \$4 or eliminal\$\$ or cance(\$5)) SAME (coefficient\$1 or weight\$1) WITH estimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND		2009/01/15 10:28
S123	34	("5202903"    "5390215"    "5566209"    "5615409"    "5896424"    "5937015").PN. OR  ("6137843").URPN.	US-PGPUB; USPAT; USOCR	AND	OX	2009/01/15 10:35
S124	3	((reconstruc\$4 or re- construct\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance\$5)) and identif \$4 with (coefficient\$1 or weight\$1) WITH (estimat\$4 and channel)	US-POPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 11:53

S127	16	[((reconstruc\$4 or re- construc\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) SAME ((coefficient\$1 or weight\$1)) SAME (estimat\$4 and channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWIBNT; IBM_TDB	AND	ON	2009/01/15 12:56
S128	20	(((reconstruc)\$4 or re- construc)\$4) near3 signal) AND (noise near4 (reduc)\$4 or dereas \$4 or eliminat\$\$ or cance)\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) SAME (estimat\$4 and channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 13:00
S129	2	11/132939	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 13:19
S130	45	"5251233"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 13:55
S131	135	(((reconstruc\$4 or re- construc\$4) near3 signal) ND (noise near4 (reduc\$4 or minimiz\$4 or deciniminat\$5 \$4 or eliminat\$5 or cance(\$5)) SAME (((coefficient\$1 or tap\$1)) SAME (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:09

S132		((reconstruc\$4 or re- construct\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance(\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) with (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	MAND		2009/01/15 14:09
S133	118	(((reconstruc\$4 or re- construc\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cance\$5)) SAME ((coefficien\$1 or weight\$1 or tap\$1)) SAME (estimat\$4) and detec\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:13
S134	20	((reconstruc\$4 or re- construct\$4) near3 signal) same detect\$4 AND (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) SAME (estimat\$4)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:14
S135	34	((reconstruc\$4 or re- construct\$4 or re- reproduc\$4) or re- produc\$4) near3 signal) same detect\$4 AND (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) SAME (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:34

S136	2	(((reconstruc\$4 or re- construc\$4 or re- produc\$4) near3 signal) same detect\$4 AND (noise near4 ((reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) SAME (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub-carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWBNT; IBM_TDB	AND	ON	2009/01/15 14:44
S137	10	((reconstruc\$4 or re- construc\$4 or re- reproduc\$4 or re- produc\$4) near3 signal) same detect\$4 AND (noise near4 (reduc\$4 or minimiz \$4 or decreas\$4 or eliminat\$\$ or cancel \$5)) and ((coefficient \$1 or weight\$1 or tap \$1)) with (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:45
S138	• • • • • • • • • • • • • • • • • • • •	((reconstruc\$4 or re- construc\$4 or re- reproduc\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$5 or cancet\$5)) and ((coefficient\$1 or weight\$1 or tap\$1)) with (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub carrier\$1) or	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/15 14:47

S140	132	[((reconstruc\$4 or re- construc\$4 or re- produc\$4 or re- produc\$4 or recover \$4 or re-cover\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cancel\$5)) and ((coefficient\$1 or weight\$1 or tap\$1)) with (estimat\$4) and ((sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1))	US-PCPUB; USPAT; USCOR; FPRS; EPO; JPO; DEFWBNT; IBM_TDB	AND	OS.	2009/01/16 09:54
S141	4	(((reconstruc\$4 or re- construc\$4 or re- produc\$4 or eliminat\$4 or decreas\$4 or eliminat\$ produc\$5 or (coefficient\$1 or weight\$1 or tap\$1) with (estimat\$4) and ((subcarrier\$1) or (sub- produc\$1) or (sub- produc\$1 or re- produc\$2 or re- produc\$4 or re- produc\$5 or re- produc\$5 or re- produc\$6 or re- pr	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON ON	2009/01/16 09:54
S142	1	10/525451	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 10:26
S143	113	((reconstruc\$4 or re- construc\$4 or re- produc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cance\$5) same ((coefficien\$1 or weight\$1 or tap\$1)) with (estimat\$4) and ((subcarrier\$1) or ((subcarrier\$1) or	US-PGPUB; USPAT; USOOR; FPTS; EPO; JPO; DEEWENT; IBM_TDB	AND	ON	2009/01/16 10:57

	•	(sub near carrier\$1))		-		
S144	27	((reconstruc\$4 or re- construc\$4 or re- produc\$4 or re- produc\$4 or re- produc\$4 or recover\$4 near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cancel\$5) same ((coefficient\$1 or weight\$1 or tap\$1)) same (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DEHWBNT; IBM_TDB	AND	ON	2009/01/16
S145	33	(noise near4 (reduc\$4 or minimiz\$4 or dermans 4 or eliminat\$ \$ or cancel\$5)) WTH ((coefficient\$1 or weight\$1 or tap\$1)) WTH (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub carrier\$1) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 11:13
S146	9	(noise near4 (reduc\$4 or minimiz\$4 or eliminat\$ \$ or cance\\$5) MTH ((coefficient\$1 or weight\\$1 or tap\$1)) same (estimat\$4 and (detct\\$4) and ((subcarrier\\$1) or (sub-carrier\\$1)) (sub near carrier\\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 11:27
S147	42	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ so cancel\$5)) WTH ((coefficient\$1 or tap\$1)) same (estimat\$4) and ((subcarries\$1) or (sub-carrier\$1) or (sub-carrier\$1) and detect\$4	US-PGPUB; US-PGPUB; US-PAT; US-OCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 11:30

S148	53	[noise near4 (reduc\$4 or minimiz\$4 or deriminat\$ \$ or cancel\$5) WITH ((coefficient\$1 or weight\$1 or tap\$1)) same (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub-carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 11:36
S149	8	"5111481" and (reconstruct\$4 and coefficient\$1 and equaliz\$4 and decision and noise and reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:09
S150	0	"20040001599" and (reconstruct\$4 and coefficient\$1 and equaliz\$4 and decision and noise and reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:30
S151	2	"20040001599" and (reconstruct\$4 and coefficient\$1 and equaliz\$4 and noise and reduc\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:31
S152	71	(noise near4 (reduc\$4 or minimiz\$4 or deriminat\$ \$ or cancel\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) WITH (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub carrier\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:34
S153	13	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ or decreas\$4 or eliminat\$ or cance(\$5) SAME ((coefficient\$1 or weight\$1 or tap\$1)) WITH (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) and ((reconstruc\$4 or re-construc\$4 or reproduc\$4 or recover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEPWENT; IBM_TDB	AND	ON	2009/01/16 12:35

		\$4 or re-cover\$4) near3 signal)	***************************************			
S154	27	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cancel\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) SAME (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1) or icsub near carrier\$1) and ((reconstruc\$4 or re-construc\$4 or re-croduc\$4 or re-cover\$4) near3 signal)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DEFWIBNT; IBM_TDB	AND	ON.	2009/01/16
S155	0	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ or cancel\$5)) SAME ((coefficient\$1 or reight\$1)) or (sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) or (sub-carrier\$1) SAME (detect\$4 near2 ORC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:44
S156	34	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cancel\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) SAME (estimat\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1) SAME (detect\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:44
S157	18	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ or decreas\$4 or eliminat\$ or cancel\$5) SAME ((coefficient\$1 or weight\$1 or tap\$11)) SAME (detect\$4) and ((subcarrier\$1) or (sub-carrier\$1) or (sub near carrier\$1))	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 12:50

S159	29	((reconstruc\$4 or re- construc\$4 or re- produc\$4 or recover\$4) near3 signal) same (noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cance(\$5)) same ((coefficient\$1 or weight\$1 or tap\$1)) same (estimat\$4)	US-POPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 13:10
S160	45	((reconstruc\$4 or re- construc\$4) near3 signal NMD (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cancel\$5)) WITH ((coefficient\$1 or weight\$1 or tap\$1)) same (estimat\$4)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	O.	2009/01/16 13:12
S161	50	((reconstruc\$4 or re- construc\$4) near3 signal) AND (noise near4 (reduc\$4 or minimiz\$4 or decreas \$4 or eliminat\$\$ or cancel\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1)) with (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OK	2009/01/16 13:16
S162	1	(noise near4 (reduc\$4 or minimiz\$4 or eliminat\$ \$ or cance(\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1) with (FDE) with (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16 13:31
S163	39	(noise near4 (reduc\$4 or minimiz\$4 or decreas\$4 or eliminat\$ \$ or cance(\$5)) SAME ((coefficient\$1 or weight\$1 or tap\$1) with (equalizer)) with (estimat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/16

S164	71	(noise near4 (reduc\$4	US-PGPUB;	AND	ON	2009/01/16
		or minimiz\$4 or	USPAT; USOOR;			13:40
		decreas\$4 or eliminat\$	FPRS; EPO;			
		\$ or cancel\$5)) SAME	JPO;			
		((coefficient\$1 or	DERWENT;			
		weight\$1 or tap\$1))	IBM_TDB			
		WITH (estimat\$4)	_			
		and ((subcarrier\$1) or				
		(sub-carrier\$1) or				
		(sub near carrier\$1))				

<sup>1/16/2009 11:24:10</sup> PM

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